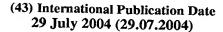
CORRECTED VERSION

(19) World Intellectual Property Organization

International Bureau







PCT

(10) International Publication Number WO 2004/063334 A2

(51) International Patent Classification7:

C12N

(21) International Application Number:

PCT/US2004/000240

- (22) International Filing Date: 8 January 2004 (08.01.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 10/338,044

8 January 2003 (08.01.2003) US

- (71) Applicant (for all designated States except US): GENE LOGIC, INC. [US/US]; 610 Professional Drive, Gaithersburg, MD 20879 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MENDRICK, Donna, L. [US/US]; 610 Professional Drive, Gaithersburg MD 20879 (US). PORTER, Mark, W. [US/US]; 610 Professional Drive, Gaithersburg, MD 20879 (US). JOHNSON, Kory, R. [US/US]; 610 Professional Drive, Gaithersburg, MD 20879 (US). HIGGS, Brandon [US/US]; 610 Professional Drive, Gaithersburg, MD 20879 (US). CASTLE, Arthur [US/US]; 610 Professional Drive, Gaithersburg, MD 20879 (US). ELASHOFF, Michael [US/US]; 610 Professional Drive, Gaithersburg, MD 20879 (US).
- (74) Agents: TUSCAN, Michael, S. et al.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, NW, Washington, DC 20004 (US).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- without international search report and to be republished upon receipt of that report
- with sequence listing part of description published separately in electronic form and available upon request from the International Bureau
- (48) Date of publication of this corrected version:

6 January 2005

(15) Information about Correction:

see PCT Gazette No. 01/2005 of 6 January 2005, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MOLECULAR CARDIOTOXICOLOGY MODELING

. The present invention is based on the elucidation of the global changes in gene expression and the identification of toxisity markers in tissues or cells exposed to a known cardiotoxin. The genes may be used as toxicity markers in drug screening and texicity assays. The invention includes a database of genes characterized by toxin-induced differential expression that is designed for use with microarrays and other solid-phase probes.

